

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Young-dong Lee et al.

Application No.: 10/684,522

Group Art Unit: 1763

Filing Date: October 15, 2003

Examiner: LUZ L ALEJANDRO MULERO

Title: INDUCTIVELY COUPLED PLASMA GENERATING APPARATUS INCORPORATING SERPENTINE
COIL ANTENNA

Confirmation No.: 4190



**FOURTH
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Enclosed is a FOURTH Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of an IDS is required.
- The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge _____ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of _____ is enclosed for the fee due.
- Charge \$ 180.00 to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

By

Laura L. Lee

Registration No. 48,752

Date: April 20, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Non-Serial Patent Application of

Young-dong Lee et al.

Application No.: 10/684,522

Filed: October 15, 2003

For: INDUCTIVELY COUPLED PLASMA
GENERATING APPARATUS
INCORPORATING SERPENTINE COIL
ANTENNA

Group Art Unit: 1763

Examiner: LUZ L ALEJANDRO
MULERO

Confirmation No.: 4190

FOURTH INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted after a first Office Action on the merits but prior to the closing of prosecution, therefore under 37 C.F.R. § 1.97(c), the fee set forth in 37 C.F.R. § 1.17(p) is enclosed.

A fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is enclosed.

This Information Disclosure Statement contains information which is not in the English language but was cited in a search report or other action by a foreign patent office in a counterpart foreign application.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

By:


Laura L. Lee
Registration No. 48,752

Date April 20, 2006

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

04/21/2006 SZEDWIE1 00000174 10684522

01 FC:1806

180.00 OP

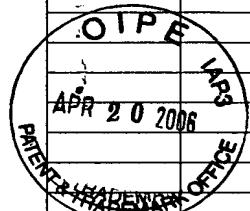
(8/05)

Buchanan Ingersoll PC
ATTORNEYS

Including attorneys from Burns Doane Swecker & Mathis

Substitute for form 1449A/PTO & 1449B/PTO		Complete if Known	
FOURTH INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>		Application Number	10/684,522
		Filing Date	October 15, 2003
		First Named Inventor	Young-dong Lee et al.
		Examiner Name	LUZ L ALEJANDRO MULERO
Sheet	1	of	1
		Attorney Docket Number	1030681-000578

U.S. PATENT DOCUMENTS



FOREIGN PATENT DOCUMENTS

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Japanese Office Action

Examiner Signature _____ **Date Considered** _____

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.